



JIW

Receipt

Atty. Docket No.: 1529/2052

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Eckl, et al.  
Serial No.: 10/501,932  
Filed: July 20, 2004  
Entitled: Compounds that Inhibit Factor Xa Activity

Examiner: Kidwell, P. R.

Group Art Unit: 1615

Conf. No.: 6789

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a**

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated above in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nancy Arsenault

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

Applicant requests issuance of a corrected Official Filing Receipt for the above-identified patent application.

**The attached filing receipt lists priority as follows:**

**Foreign Applications:**

GERMANY 1004072.9 01/31/2002  
GERMANY 10300049.6 01/03/2003

**THE CORRECT FILING RECEIPT SHOULD CLAIM PRIORITY AS FOLLOWS:**

**Foreign Applications:**

GERMANY 10204072.9 01/31/2002  
GERMANY 10300049.6 01/03/2003

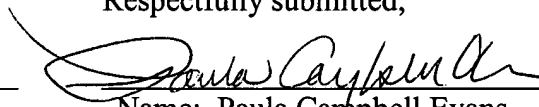
Serial No.: 10/501,932

Page 2

The correct priority claim was made on the Application Data Sheet filed on July 20, 2004 (copy enclosed), and the Declaration/Power of Attorney filed with the Notice of Missing Requirements filed on October 13, 2004 (copy enclosed). A copy of the official Filing Receipt is enclosed with the correction(s) highlighted in red. It is believed that no further fees are due for this application.

Respectfully submitted,

Date: November 17, 2004



Name: Paula Campbell Evans

Registration No.: 32,503

Customer No.: 29932

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100



Atty. Docket No.: 1529/2052

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Eckl, et al.	Examiner: Kidwell, P.R.
Serial No.: 10/501,932	
Filed: July 20, 2004	Group Art Unit: 1615
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Nancy Arsenault

Name of Person Mailing Paper

  
Signature of Person Mailing Paper

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

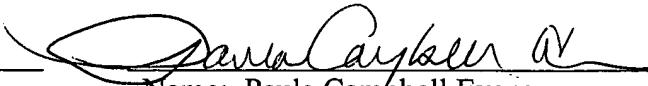
Enclosed for filing the above-identified patent application, please find the following documents:

1. Request for Corrected Filing Receipt
2. Copy of Application Data Sheet filed on July 20, 2004;
3. Copy of Declaration/Power of Attorney filed on October 13, 2004;
4. Copy of Filing Receipt with change highlighted in red; and
5. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 1529/2052. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: November 17, 2004

  
Name: Paula Campbell Evans

Registration No.: 32,503

Customer No.: 29932

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100



## UNITED STATES PATENT AND TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/501,932	10/18/2004	1615	525	1529/2052		18	1

CONFIRMATION NO. 6789

29932

 PALMER & DODGE, LLP  
 PAULA CAMPBELL EVANS  
 111 HUNTINGTON AVENUE  
 BOSTON, MA 02199

## FILING RECEIPT



\*OC000000014329981\*

Date Mailed: 11/10/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

 Robert Eckl, Munchen, GERMANY;  
 Silke Schabbert, Munchen, GERMANY;  
 Thilo Fuchs, Munchen, GERMANY;  
 Lutz Weber, Germering, GERMANY;  
 Christian Oefner, Freiburg, GERMANY;

## Power of Attorney:

Paula Campbell Evans-32503

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP03/01011 01/31/2003

## Foreign Applications

GERMANY 1004072.9 01/31/2002

GERMANY 10300049.6 01/03/2003

10204072.9 01/31/2002

Projected Publication Date: 02/17/2005

Non-Publication Request: No

Early Publication Request: No

**\*\* SMALL ENTITY \*\*****Title**

Compounds that inhibit factor xa activity

**Preliminary Class**

514

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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COPY

Express Mail Label No: EV242758327US  
Date of Deposit: July 20, 2004

**Application Data Sheet**

**Application Information**

Application Type::	National Phase
Subject Matter::	Utility
Suggested Classification::	
Suggested Group Art Unit::	
CD-ROM or CD-R::	None
Sequence submission:	None
Computer Readable Form (CRF)::	No
Number of copies of CRF::	None
Title::	Compounds that Inhibit Factor Xa Activity
Attorney Docket Number::	1529/2052
Request for Early Publication?::	No
Request for Non-Publication?::	No
Suggested Drawing Figure::	
Total Drawing Sheets::	
Small Entity::	Yes
Petition Included::	No
Secrecy Order in Patent	No
Application?::	

**Applicant Information**

Applicant Authority Type::	Inventor
Primary Citizenship Country::	Germany
Status::	Full Capacity
Given Name::	Robert

Middle Name::  
Family Name:: Eckl  
City of Residence:: München  
State or Province of Residence::  
Country of Residence:: Germany  
Street of Mailing Address:: Gmunder Str. 37-37a  
City of Mailing Address:: München  
State or Province of Mailing Address::  
Postal or Zip Code of Mailing Address:: 81379

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Germany  
Status:: Full Capacity  
Given Name:: Silke  
Middle Name::  
Family Name:: Schabbert  
City of Residence:: München  
State or Province of Residence::  
Country of Residence:: Germany  
Street of Mailing Address:: Gmunder Str. 37-37a  
City of Mailing Address:: München  
State or Province of Mailing Address::  
Postal or Zip Code of Mailing Address:: 81379

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Germany  
Status:: Full Capacity  
Given Name:: Thilo  
Middle Name::

Family Name:: Fuchs  
City of Residence:: München  
State or Province of Residence::  
Country of Residence:: Germany  
Street of Mailing Address:: Gmunder Str. 37-37a  
City of Mailing Address:: München  
State or Province of Mailing Address::  
Postal or Zip Code of Mailing Address:: 81379

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Germany  
Status:: Full Capacity  
Given Name:: Lutz  
Middle Name::  
Family Name:: Weber  
City of Residence:: Germering  
State or Province of Residence::  
Country of Residence:: Germany  
Street of Mailing Address:: Edelweissstrasse 8  
City of Mailing Address:: Germering  
State or Province of Mailing Address::  
Postal or Zip Code of Mailing Address:: 82110

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Germany  
Status:: Full Capacity  
Given Name:: Christian  
Middle Name::  
Family Name:: Oefner  
City of Residence:: Freiburg



State or Province of Residence::

Country of Residence:: Germany

Street of Mailing Address:: Mühlewinkel 3

City of Mailing Address:: Freiburg

State or Province of Mailing Address::

Postal or Zip Code of Mailing Address:: 79108

### Correspondence Information

Correspondence Customer Number:: 29932

### Representative Information

Representative Information Number::	29932
-------------------------------------	-------

### Foreign Priority Information

Country::	Application Number::	Filing Date::	Priority Claimed::
PCT	EP03/01011	31 January 2003	Yes
DE	103 00 049.6	3 January 2003	Yes
DE	102 04 072.9	31 January 2002	Yes

## **Assignee Information**

Assignee Name:: Morphochem Aktiengesellschaft für Kombinatorische Chemie



COPY  
PATENT

Practitioner's Docket No. 1529/2052

**COMBINED DECLARATION AND POWER OF ATTORNEY  
(FOR PATENT APPLICATION)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe that I am an original, first and joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**Compounds that Inhibit Factor Xa Activity**

(check one) ☐ is attached hereto.  
☒ was filed on July 20, 2004 as  
Application Serial No.: 10/501,932  
And was amended on \_\_\_\_\_, if applicable

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do now know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application.

I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose information, which is material to the patentability of this application in accordance with Title 37 CFR § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Date Filed	Priority Claimed	
<u>102 04 072.9</u>	<u>DE</u>	<u>31 January 2002</u>	<input checked="" type="checkbox"/> [X]	<input type="checkbox"/> [ ]
Number	Country		Yes	No
<u>103 00 049.6</u>	<u>DE</u>	<u>3 January 2003</u>	<input checked="" type="checkbox"/> [X]	<input type="checkbox"/> [ ]
Number	Country		Yes	No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application NumberFiling Date

1.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application NumberFiling DateStatus - patented, pending, abandoned

1. PCT/EP03/01011

31 January 2003

pending

**POWER OF ATTORNEY**

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**APPOINTED PRACTITIONER(S)****REGISTRATION NUMBER(S)**

Kathleen M. Williams

34,380

Richard B. Smith

34,020

Paula Campbell Evans

32,503

Ralph Loren

29,325

Barbara Gyure

34,614

David Dykeman

46,678

Mark J. FitzGerald

45,928

Elizabeth Neuman Spar

45,123

Matthew M. Beaudet

50,649

Michael P. Doyle

49,052

David Rucando

52,184

Sundar Subramanyam

53,651

Cynthia Zhang

53,827

Jeffrey L. Kopacz

54,744

Amy DeCloux

54,849

John J. Figueroa

51,056

---

Address all correspondence to:

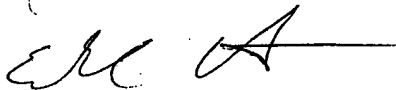
**Paula Campbell Evans**  
**Customer No.: 29932**  
**Palmer & Dodge, LLP**  
111 Huntington Avenue  
Boston, MA 02199-7613

Direct all telephone calls to **Paula Campbell Evans** at (617) 239-0100

---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**First Named Inventor:**



Date:

12 - Aug - 2004

Inventor's Signature

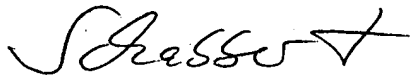
Name: Robert Eckl

Residence: Gmunder Str. 37-37a, 81379, München,  
Germany

Citizenship: German

Post Office Address: same as above

**Second Named Inventor:**



Date:

13 - Aug 2004

Inventor's Signature

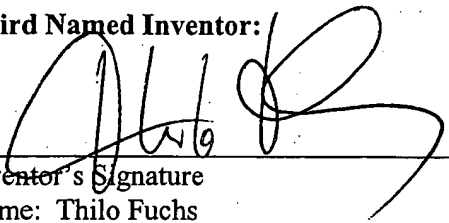
Name: Silke Schabbert

Residence: Gmunder Str. 37-37a, 81379, München,  
Germany

Citizenship: German

Post Office Address: same as above

**Third Named Inventor:**

  
Inventor's Signature

Name: Thilo Fuchs

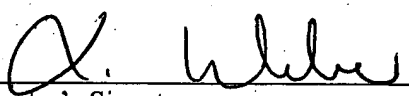
Residence: Gmunder Str. 37-37a, 81379, München,  
Germany

Citizenship: German

Post Office Address: same as above

Date: 16. Aug. - 2004

**Fourth Named Inventor:**

  
Inventor's Signature

Name: Lutz Weber

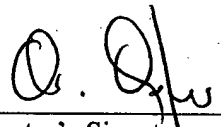
Residence: Edelweissstrasse 8, 82110 Germering,  
Germany

Citizenship: German

Post Office Address: same as above

Date: 04. Aug. - 2004

**Fifth Named Inventor:**

  
Inventor's Signature

Name: Christian Oefner

Residence: Mühlewinkel 3, 79108 Freiburg, Germany

Citizenship: German

Post Office Address: same as above

Date: 21. - Sept. 2004



Atty. Docket No.: 1529/2052

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No.: 10/501,932  
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Activity

Examiner: Kidwell, P. R.  
Group Art Unit: Not Yet Assigned  
Conf. No.: 6789

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Please include the following 10 patent practitioners to be recognized by the Office as being of record in this application:

APPOINTED PRACTITIONER(S)

REGISTRATION NUMBER(S)

Kathleen M. Williams	34,380
Richard B. Smith	34,020
Paula Campbell Evans	32,503
Ralph Loren	29,325
Barbara Gyure	34,614
David Dykeman	46,678
Mark J. FitzGerald	45,928
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Michael P. Doyle	49,052